SEQUENCE LISTING

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Val Lys Phe Ala Gln Ser Gln Ile Leu Pro Ala His Pro Lys Glu Gly 50 60

Asp Ser Gln Pro His Leu Thr Ser Leu Arg Lys Ser Leu Leu Leu Val 65 70 75 80

Arg Pro Val Lys Ala Asp Asp Lys Thr Pro Val Gln Val Glu Ala Arg 85 90 95

Asp Asp Asn Asn Lys Ile Leu Gly Thr Leu Thr Leu Tyr Pro Pro Ser

Ser Leu Pro Asp Thr Ile Tyr His Leu Asp Gly Val Pro Glu Gly Gly 115 120 125

Ile Asp Phe Thr Pro His Asn Gly Thr Lys Lys Ile Ile Asn Thr Val 130 135 140

Ala Glu Val Asn Lys Leu Ser Asp Ala Ser Gly Ser Ser Ile His Ser 145 150 155 160

His Leu Thr Asn Asn Ala Leu Val Glu Ile His Thr Ala Asn Gly Arg 165 170 175

Trp Val Arg Asp Ile Tyr Leu Pro Gln Gly Pro Asp Leu Glu Gly Lys
180 185 190

Met Val Arg Phe Val Ser Ser Ala Gly Tyr Ser Ser Thr Val Phe Tyr 195 200 205

Gly Asp Arg Lys Val Thr Leu Ser Val Gly Asn Thr Leu Leu Phe Lys 210 215 220

Tyr Val Asn Gly Gln Trp Phe Arg Ser Gly Glu Leu Glu Asn Asn Arg 225 230 235 240

Ile Thr Tyr Ala Gln His Ile Trp Ser Ala Glu Leu Pro Ala His Trp 245 250 255

Ile Val Pro Gly Leu Asn Leu Val Ile Lys Gln Gly Asn Leu Ser Gly 260 265 270



Arg Leu Asn Asp Ile Lys Ile Gly Ala Pro Gly Glu Leu Leu His 275 280 285

Thr Ile Asp Ile Gly Met Leu Thr Thr Pro Arg Asp Arg Phe Asp Phe 290 295 300

Ala Lys Asp Lys Glu Ala His Arg Glu Tyr Phe Gln Thr Ile Pro Val 305 310 315

Ser Arg Met Ile Val Asn Asn Tyr Ala Pro Leu His Leu Lys Glu Val 325 330 335

Met Leu Pro Thr Gly Glu Leu Leu Thr Asp Met Asp Pro Gly Asn Gly 340 345 350

Gly Trp His Ser Gly Thr Met Arg Gln Arg Ile Gly Lys Glu Leu Val 355 360 365

Ser His Gly Ile Asp Asn Ala Asn Tyr Gly Leu Asn Ser Thr Ala Gly 370 375 380

Leu Gly Glu Asn Ser His Pro Tyr Val Val Ala Gln Leu Ala Ala His 385 390 395 400

Asn Ser Arg Gly Asn Tyr Ala Asn Gly Ile Gln Val His Gly Gly Ser 405 410 415

Gly Gly Gly Ile Val Thr Leu Asp Ser Thr Leu Gly Asn Glu Phe 420 425 430

Ser His Glu Val Gly His Asn Tyr Gly Leu Gly His Tyr Val Asp Gly 435 440 445

Phe Lys Gly Ser Val His Arg Ser Ala Glu Asn Asn Asn Ser Thr Trp

Gly Trp Asp Gly Asp Lys Lys Arg Phe Ile Pro Asn Phe Tyr Pro Ser 465 470 475 480

Gln Thr Asn Glu Lys Ser Cys Leu Asn Asn Gln Cys Gln Glu Pro Phe 485 490 495

Asp Gly His Lys Phe Gly Phe Asp Ala Met Ala Gly Gly Ser Pro Phe 500 505 510

Ser Ala Ala Asn Arg Phe Thr Met Tyr Thr Pro Asn Ser Ser Ala Ile 515 520 525

Ile Gln Arg Phe Phe Glu Asn Lys Ala Val Phe Asp Ser Arg Ser Ser 530 540



Thr Gly Phe Ser Lys Trp Asn Ala Asp Thr Gln Glu Met Glu Pro Tyr 545 550 550

Glu His Thr Ile Asp Arg Ala Glu Gln Ile Thr Ala Ser Val Asn Glu
565 570 575

Leu Ser Glu Ser Lys Met Ala Glu Leu Met Ala Glu Tyr Ala Val Val 580 585 590

Lys Val His Met Trp Asn Gly Asn Trp Thr Arg Asn Ile Tyr Ile Pro 595 600 605

Thr Ala Ser Ala Asp Asn Arg Gly Ser Ile Leu Thr Ile Asn His Glu 610 615 620

Ala Gly Tyr Asn Ser Tyr Leu Phe Ile Asn Gly Asp Glu Lys Val 625 630 635

Ser Gln Gly Tyr Lys Lys Ser Phe Val Ser Asp Gly Gln Phe Trp Lys 645 650 655

Glu Arg Asp Val Val Asp Thr Arg Glu Ala Arg Lys Pro Glu Gln Phe 660 665 670

Gly Val Pro Val Thr Thr Leu Val Gly Tyr Tyr Asp Pro Glu Gly Thr 675 680 685

Leu Ser Ser Tyr Ile Tyr Pro Ala Met Tyr Gly Ala Tyr Gly Phe Thr 690 695 700

Tyr Ser Asp Asp Ser Gln Asn Leu Ser Asp Asn Asp Cys Gln Leu Gln 705 710 715 720

Val Asp Thr Lys Glu Gly Gln Leu Arg Phe Arg Leu Ala Asn His Arg 725 730 735

Ala Asn Asn Thr Val Met Asn Lys Phe His Ile Asn Val Pro Thr Glu 740 745 750

Ser Gln Pro Thr Gln Ala Thr Leu Val Cys Asn Asn Lys Ile Leu Asp 755 760 765

Thr Lys Ser Leu Thr Pro Ala Pro Glu Gly Leu Thr Tyr Thr Val Asn 770 775 780

Gly Gln Ala Leu Pro Ala Lys Glu Asn Glu Gly Cys Ile Val Ser Val 785 790 795 800

Asn Ser Gly Lys Arg Tyr Cys Leu Pro Val Gly Gln Arg Ser Gly Tyr 805 810 815

Ser Leu Pro Asp Trp Ile Val Gly Gln Glu Val Tyr Val Asp Ser Gly 820 825 Ala Lys Ala Lys Val Leu Leu Ser Asp Trp Asp Asn Leu Ser Tyr Asn 840 Arg Ile Gly Glu Phe Val Gly Asn Val Asn Pro Ala Asp Met Lys Lys 855 860 Val Lys Ala Trp Asn Gly Gln Tyr Leu Asp Phe Ser Lys Pro Arg Ser 870 Met Arg Val Val Tyr Lys <210> 3 <211> 11 <212> PRT <213> Unknown Organism <220> TUUL <221> misc_feature <223> Description of Unknown Organism: E. coli 0157:H7 plasmid p0157 WI <400> 3 His Glu Val Gly His Asn Tyr Gly Leu Gly His erei i <210> 4 <211> 28 <212> DNA T <213> Synthetic Oligonucleotide <400> 4 28 ccctcgagtt tacgaaacag gtgtaaat <210> 5 <211> 30 <212> DNA <213> Synthetic Oligonucleotide <400> 5 30 cctctagatt atttatatac aaccctcatt <210> 6 <211> 30 <212> DNA <213> Synthetic Oligonucleotide <400> 6 30 ccgagctccg atgaaattaa agtatctgtc <210> 7 <211> 27





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